

# **IN THE SPECIFICATION:**

Please replace Table 8 located between paragraph [0133] and paragraph [0134] of the application as filed with the following amended table.

Delta results for EVA/Tedlar based solar modules after UV ageing 600 h								
EVA/ Tedlar	$\frac{I_{se}(A)}{\Delta Temp}$ %	$\frac{V_{oc}(V)}{\Delta ISC}$ %	$\frac{I_{se}(A)}{\Delta Voc}$ %	$\frac{\Delta Vmax}{(V)}$ %	$\frac{\Delta Imax}{(A)}$ %	$\frac{\Delta FF}{(\%)}$	$\frac{\Delta Pmax}{(W)}$ %	Visuals
Reference	0.7	-0.8	0.3	-1.0	0.5	-0.1	-0.5	Ok
Comp A	1.1	-1.4	-0.3	-2.2	0.1	-0.3	-2.0	Ok
Comp B	1.3	-0.9	0.7	-1.9	0.7	-1.0	-1.2	Ok
<u>Mean % For Comps A and B</u>	<u>1.2</u>	<u>-1.15</u>	<u>0.2</u>	<u>-2.05</u>	<u>0.4</u>	<u>-0.65</u>	<u>-1.6</u>	<u>N/A</u>

Please replace Table 9 located between paragraph [0133] and paragraph [0134] of the application as filed with the following amended table.

Delta results for Modules encapsulated in accordance with the present invention after UV ageing 600 h								
DC Encapsulant & adhesive	$\frac{I_{se}(A)}{\Delta Temp}$ %	$\frac{V_{oc}(V)}{\Delta ISC}$ %	$\frac{I_{se}(A)}{\Delta Voc}$ %	$\frac{\Delta Vmax}{(V)}$ %	$\frac{\Delta Imax}{(A)}$ %	$\frac{\Delta FF}{(\%)}$	$\frac{\Delta Pmax}{(W)}$ %	Visuals
Ex Reference	-1.3	-1.5	0.6	-2.3	0.1	-1.3	-2.3	Ok
Ex A	0.4	-2.4	0.4	-2.3	0.03	0.3	-2.3	Ok
Ex B	0.3	-1.9	0.7	-4.0	-0.1	-1.7	-2.3	Ok
Ex C	0.02	-0.3	-0.4	-0.4	-0.03	0.2	-0.5	Ok
<u>Mean % For Ex A, B, and C</u>	<u>0.24</u>	<u>-1.53</u>	<u>0.23</u>	<u>-2.23</u>	<u>-0.03</u>	<u>-0.4</u>	<u>-1.7</u>	<u>N/A</u>

Please replace Table 10 located between paragraph [0137] and paragraph [0138] of the application as filed with the following amended table.

EVA/Tedlar deltas results after 50 Thermal Cycles + 10 cycles Humidity Freeze conditions							
EVA/Tedlar	<u>Ise (A)</u> <u>Δ Temp</u> <u>%</u>	<u>Vee (V)</u> <u>Δ ISC</u> <u>%</u>	<u>Ise (A)</u> <u>Δ Voc</u> <u>%</u>	<u>Δ Vmax</u> <u>(V)</u> <u>%</u>	<u>Δ Imax</u> <u>(A)</u> <u>%</u>	<u>Δ FF</u> <u>(%)</u>	<u>Δ Pmax</u> <u>(W)</u> <u>%</u>
Reference	0.3	-0.9	-0.6	-2.1	-0.5	-1.2	-2.2
Comp C	-0.5	0.4	-1.4	-0.4	-0.7	0.0	-1.1
Comp D	-0.1	-0.6	-1.5	-1.4	-1.7	-1.1	-3.0
Comp E	-0.7	-0.2	-1.5	-0.2	-0.1	1.5	-0.3
<u>Mean % For</u> <u>Comps C, D,</u> <u>and E</u>	<u>-0.43</u>	<u>-0.13</u>	<u>-1.47</u>	<u>-0.67</u>	<u>-0.83</u>	<u>0.13</u>	<u>-1.47</u>

Please replace Table 11 located between paragraph [0137] and paragraph [0138] of the application as filed with the following amended table.

Encapsulant/adhesive in accordance with the present invention deltas results after 50 Thermal Cycles + 10 cycles Humidity Freeze conditions							
Encapsulant & adhesive	<u>Ise (A)</u> <u>Δ Temp</u> <u>%</u>	<u>Vee (V)</u> <u>Δ ISC</u> <u>%</u>	<u>Ise (A)</u> <u>Δ Voc</u> <u>%</u>	<u>Δ Vmax</u> <u>(V)</u> <u>%</u>	<u>Δ Imax</u> <u>(A)</u> <u>%</u>	<u>Δ FF</u> <u>(%)</u>	<u>Δ Pmax</u> <u>(W)</u> <u>%</u>
Reference	-1.4	-0.8	-0.8	-2.1	-0.4	-0.9	-2.5
Ex D	0.5	-1.5	-0.2	-2.7	0.5	-0.5	-2.2
Ex E	-0.3	-0.8	-0.7	-1.8	-1.7	-2.5	-3.8
Ex F	-0.3	-1.4	-0.2	-2.5	0.0	-0.9	-2.5
<u>Mean % For Ex</u> <u>D, E, and F</u>	<u>-0.03</u>	<u>-1.23</u>	<u>-0.37</u>	<u>-2.33</u>	<u>-0.40</u>	<u>-1.30</u>	<u>-2.83</u>

Please replace Table 12 located between paragraph [0139] and paragraph [0140] of the application as filed with the following amended table.

EVA/Tedlar deltas results after 1000 hours in Damp Heat conditions							
EVA/Tedlar	$\frac{I_{se}(A)}{\Delta Temp}$ %	$\frac{V_{oe}(V)}{\Delta ISC}$ %	$\frac{I_{se}(A)}{\Delta Voc}$ %	$\frac{\Delta Vmax}{(V)}$ %	$\frac{\Delta Imax}{(A)}$ %	$\frac{\Delta FF}{(%)}$	$\frac{\Delta Pmax}{(W)}$ %
Reference	0.4	-2.0	0.2	-2.9	0.2	-0.9	-2.5
Comp F	-0.1	-0.7	1.1	0.2	1.6	1.5	1.9
Comp G	-1.1	-0.6	0.1	-1.4	0.1	-0.8	-1.2
Comp H	-0.8	-0.6	0.9	-0.6	0.4	-0.3	-0.2
<u>Mean % For Comps F, G, and H</u>	<u>-0.67</u>	<u>-0.63</u>	<u>0.70</u>	<u>-0.60</u>	<u>0.70</u>	<u>0.13</u>	<u>0.17</u>

Please replace Table 13 located between paragraph [0139] and paragraph [0140] of the application as filed with the following amended table.

Encapsulant/Adhesive deltas results after 1000 hours in Damp Heat conditions							
DC Encapsulant	$\frac{I_{se}(A)}{\Delta Temp}$ %	$\frac{V_{oe}(V)}{\Delta ISC}$ %	$\frac{I_{se}(A)}{\Delta Voc}$ %	$\frac{\Delta Vmax}{(V)}$ %	$\frac{\Delta Imax}{(A)}$ %	$\frac{\Delta FF}{(%)}$	$\frac{\Delta Pmax}{(W)}$ %
Reference	-1.5	-2.2	-0.1	-2.9	0.0	-0.6	-2.9
Ex G	-0.9	-1.6	-0.6	-1.6	-0.2	0.3	-1.9
Ex H	-1.4	-1.8	-1.2	-1.0	-0.2	1.8	-1.3
Ex I	0.1	-1.1	0.1	-2.1	-0.2	-1.2	-2.2
<u>Mean % For Ex G, H, and I</u>	<u>-0.73</u>	<u>-1.50</u>	<u>-0.57</u>	<u>-1.57</u>	<u>-0.20</u>	<u>0.30</u>	<u>-1.80</u>